

**To:** Schmidt, Andrew[Schmidt.Andrew@epa.gov]  
**From:** Schmittiel, Paula  
**Sent:** Thur 3/27/2014 3:41:01 PM  
**Subject:** RE: Leaf Leaching Method for CERCLA Response Actions

Sure – go ahead. I presume that HQ is ready to put up the \$\$ for this new analysis.

Paula Schmittiel

Remedial Project Manager

U.S. Environmental Protection Agency

1595 Wynkoop St.

Denver, CO 80202

Office: 303-312-6861

Cell: 720-951-0795

**From:** Schmidt, Andrew  
**Sent:** Thursday, March 27, 2014 9:39 AM  
**To:** Schmittiel, Paula  
**Subject:** RE: Leaf Leaching Method for CERCLA Response Actions

Sounds great! I was thinking the Upper Animas might be a good candidate site if the timing was appropriate. I don't think HQ is ready at the moment either as it is a work in progress.

Would it be okay to mention the site to HQ?

Thanks!

AS

---

*Andrew P. Schmidt, P.G.*

*Regional Superfund Hydrogeologist*

*US EPA Region 8, 8EPR-S*

*1595 Wynkoop St.*

*Denver, CO 80202*

*303.312.6283*

*Please consider the environment before printing this email.*

**From:** Schmittiel, Paula

**Sent:** Thursday, March 27, 2014 9:37 AM

**To:** Schmidt, Andrew

**Subject:** RE: Leaf Leaching Method for CERCLA Response Actions

I was thinking of the Upper Animas site but at this point we're only doing water, sediment & aquatic insects for the eco risk assessment. It sounds interesting and I'd like to propose using it at the UA when the time comes for soils & mine waste.

And don't ask why we are doing an ERA when the site isn't even proposed to the NPL ;))

Paula Schmittiel

Remedial Project Manager

U.S. Environmental Protection Agency

1595 Wynkoop St.

Denver, CO 80202

Office: 303-312-6861

Cell: 720-951-0795

**From:** Schmidt, Andrew  
**Sent:** Thursday, March 27, 2014 9:34 AM  
**To:** Schmittiel, Paula  
**Subject:** RE: Leaf Leaching Method for CERCLA Response Actions

Hi Paula,

I think this will be for soil and mine wastes....I suspect that it might work for sediments too, but that is something we could ask HQ.

AS

---

*Andrew P. Schmidt, P.G.*

*Regional Superfund Hydrogeologist*

*US EPA Region 8, 8EPR-S*

*1595 Wynkoop St.*

*Denver, CO 80202*

*303.312.6283*

*Please consider the environment before printing this email.*

**From:** Schmittdiel, Paula  
**Sent:** Thursday, March 27, 2014 9:32 AM  
**To:** Schmidt, Andrew  
**Subject:** RE: Leaf Leaching Method for CERCLA Response Actions

Andrew – is this for soil- mine waste materials or also for sediments & water samples or aquatic samples?

Paula Schmittdiel  
Remedial Project Manager  
U.S. Environmental Protection Agency  
1595 Wynkoop St.  
Denver, CO 80202  
Office: 303-312-6861  
Cell: 720-951-0795

**From:** Schmidt, Andrew  
**Sent:** Thursday, March 27, 2014 9:22 AM  
**To:** Schmittdiel, Paula; Kiefer, Linda; Jenkins, Joy; Sims, Leslie; Fagen, Elizabeth; Fiedler, Kerri; Progess, Christina; Costanzi, Frances; Coleman, Charles; Hoogerheide, Roger; Edwards, Kristine; Hammer, Diana; Burns, Betsy; Sparks, Sara; Greene, Nikia; Waterman, Erna; Moritz, Vera; Hernandez, Kathryn; Saenz, Armando; Wangerud, Ken  
**Cc:** Schmidt, Andrew  
**Subject:** Leaf Leaching Method for CERCLA Response Actions

Hi All,

I tagged all of you as you are all RPMs for mining related sites. Earlier this week I participated in a meeting regarding the LEAF Leaching methodology (SW-846 Methods 1313 through 1316). The new methods are potentially much more representative of actual leaching potential

compared to traditional TCLP or SPLP methods. Currently the LEAF method is only available for inorganics. Although everything is in the initial stages, headquarters is interested in potentially getting a site that is still undergoing characterization (RI or RA) and that might be willing to help pilot these new analyses. If anyone has a site that might be applicable, or might be interested, please let me know and I'll put you in contact with the right folks at headquarters for more information.

More information can be found at:

[http://epa.gov/wastes/hazard/testmethods/sw846/new\\_meth.htm](http://epa.gov/wastes/hazard/testmethods/sw846/new_meth.htm)

Thank you!

Andrew

---

*Andrew P. Schmidt, P.G.*

*Regional Superfund Hydrogeologist*

*US EPA Region 8, 8EPR-S*

*1595 Wynkoop St.*

*Denver, CO 80202*

*303.312.6283*

*Please consider the environment before printing this email.*